

REMARKS

In accordance with the foregoing, withdrawn claim 13 has been amended. Claims 1-110 are pending and claims 1-4, 6, 7, 9-12, 24-26, 28, 31-34, 44, 48, 52, 54, 55, 59, 63-65, 69-71, 86-88, and 108-110 are under consideration. No new matter is presented in this Amendment.

REJECTIONS UNDER 35 U.S.C. §102:

On pages 2-3 of the Office Action, the Examiner rejects claims 1, 9-12 and 108-110 under 35 U.S.C. §102(e) in view of Lee et al. (U.S. Patent No. 7,102,972). The rejection is respectfully traversed, and reconsideration is requested.

By way of review, Lee et al. was first filed in the United States on May 20, 2003, and was not published until January 29, 2004 as U.S. Patent Publication No. 2004-0017753. In contrast, the instant application was filed in the United States on July 31, 2003, and claims the benefit of Korean Patent Application No. 2002-45367, filed July 31, 2002; Korean Patent Application No. 2002-64663, filed October 22, 2002; Korean Patent Application No. 2002-65674, filed October 26, 2003; Korean Patent Application No. 2002-66238, filed October 29, 2002; and Korean Patent Application No. 2002-75303, filed November 29, 2002. Certified copies of the Korean patent applications were filed in the United States Patent and Trademark Office as acknowledged by the Examiner on page 1 of the Office Action. Further, enclosed are English translation of Korean Patent Application Nos. 2002-45367, 2002-64663, 2002-65674, 2002-66238, and 2002-75303, along with corresponding statements from the translator in compliance with 37 CFR 1.55(a)(4). As such, it is respectfully submitted that the applicants have established a date of invention of at least November 29, 2002. MPEP 201.15. Since Lee et al. was not filed before the date of invention for the instant application, it is respectfully submitted that Lee et al. is not available as prior art under 35 U.S.C. §102(e). MPEP 706.02(a)(II)(B) and 706.02(b). Since Lee et al. does not appear to otherwise qualify as prior art, it is respectfully requested that the Examiner withdraw the rejection of claims 1, 9-12 and 108-110 in view of Lee et al.

ALLOWABLE SUBJECT MATTER:

On page 3 of the Office Action, the Examiner objects to claims 2-4, 6, 7, and 69-71 as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The Examiner

also allows claims 24-26, 28, 31-34, 44, 48, 52, 54, 55, 59, 63-65 and 86-88. In view of the allowable subject matter in claims 2, 4, 25, 26, 44, and 55, it is respectfully requested that the Examiner rejoin withdrawn claims 5, 8, 27, 29, 30, 47, 53, 58, 66-68, and 83-88 as per MPEP 821.04.

CONCLUSION:

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 503333.

Respectfully submitted,

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